Giuseppe Lodato

List of Publications by Year
in descending order

173 papers	9,798 citations	36203 51 h-index	43802 91 g-index
175 all docs	175 docs citations	175 times ranked	5260 citing authors

#	Article	IF	Citations
1	Supermassive black hole formation during the assembly of pre-galactic discs. Monthly Notices of the Royal Astronomical Society, 2006, 371, 1813-1823.	1.6	363
2	Gaps and Rings in an ALMA Survey of Disks in the Taurus Star-forming Region. Astrophysical Journal, 2018, 869, 17.	1.6	337
3	Gravitational Instabilities in Circumstellar Disks. Annual Review of Astronomy and Astrophysics, 2016, 54, 271-311.	8.1	323
4	Investigating fragmentation conditions in self-gravitating accretion discs. Monthly Notices of the Royal Astronomical Society: Letters, 2005, 364, L56-L60.	1.2	302
5	Stellar disruption by a supermassive black hole: is the light curve really proportional to<i>t</i>^{â^'5/3}?. Monthly Notices of the Royal Astronomical Society, 2009, 392, 332-340.	1.6	289
6	Chaotic star formation and the alignment of stellar rotation with disc and planetary orbital axes. Monthly Notices of the Royal Astronomical Society, 2010, 401, 1505-1513.	1.6	288
7	Testing the locality of transport in self-gravitating accretion discs. Monthly Notices of the Royal Astronomical Society, 2004, 351, 630-642.	1.6	280
8	<scp>Phantom</scp>: A Smoothed Particle Hydrodynamics and Magnetohydrodynamics Code for Astrophysics. Publications of the Astronomical Society of Australia, 2018, 35, .	1.3	267
9	Dust filtration at gap edges: implications for the spectral energy distributions of discs with embedded planets. Monthly Notices of the Royal Astronomical Society, 2006, 373, 1619-1626.	1.6	258
10	The evolution of massive black hole seeds. Monthly Notices of the Royal Astronomical Society, 0, 383, 1079-1088.	1.6	249
11	Multiband light curves of tidal disruption events. Monthly Notices of the Royal Astronomical Society, 2011, 410, 359-367.	1.6	245
12	On planet formation in HL Tau. Monthly Notices of the Royal Astronomical Society: Letters, 2015, 453, L73-L77.	1.2	207
13	Accelerated planetesimal growth in self-gravitating protoplanetary discs. Monthly Notices of the Royal Astronomical Society, 2004, 355, 543-552.	1.6	193
14	The GAPS Programme with HARPS-N at TNG. Astronomy and Astrophysics, 2017, 602, A107.	2.1	185
15	Testing the locality of transport in self-gravitating accretion discs - II. The massive disc case. Monthly Notices of the Royal Astronomical Society, 2005, 358, 1489-1500.	1.6	178
16	Characterizing the gravitational instability in cooling accretion discs. Monthly Notices of the Royal Astronomical Society, 2009, 393, 1157-1173.	1.6	160
17	Disc formation from tidal disruptions of stars on eccentric orbits by Schwarzschild black holes. Monthly Notices of the Royal Astronomical Society, 2016, 455, 2253-2266.	1.6	159
18	Black hole mergers: can gas discs solve the â€˜final parsecâ€™ problem?. Monthly Notices of the Royal Astronomical Society, 2009, 398, 1392-1402.	1.6	152

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19	Compact Disks in a High-resolution ALMA Survey of Dust Structures in the Taurus Molecular Cloud. Astrophysical Journal, 2019, 882, 49.	1.6	139
20	On the diffusive propagation of warps in thin accretion discs. Monthly Notices of the Royal Astronomical Society, 2010, , .	1.6	122
21	Circumbinary, not transitional: on the spiral arms, cavity, shadows, fast radial flows, streamers, and horseshoe in the HDâ€‰142527 disc. Monthly Notices of the Royal Astronomical Society, 2018, 477, 1270-1284.	1.6	122
22	Non-Keplerian rotation in the nucleus of NGC 1068: Evidence for a massive accretion disk?. Astronomy and Astrophysics, 2003, 398, 517-524.	2.1	120
23	Massive planets in FU Orionis discs: implications for thermal instability models. Monthly Notices of the Royal Astronomical Society, 2004, 353, 841-852.	1.6	114
24	Wave-like warp propagation in circumbinary discs â€“ I. Analytic theory and numerical simulations. Monthly Notices of the Royal Astronomical Society, 2013, 433, 2142-2156.	1.6	113
25	Warp diffusion in accretion discs: a numerical investigation. Monthly Notices of the Royal Astronomical Society, 0, 381, 1287-1300.	1.6	104
26	Planetesimal formation via fragmentation in sel-gravitating protoplanetary discs. Monthly Notices of the Royal Astronomical Society: Letters, 2006, 372, L9-L13.	1.2	103
27	PROTOPLANETARY DISK MASSES FROM STARS TO BROWN DWARFS. Astrophysical Journal, 2013, 773, 168.	1.6	103
28	The GAPS programme with HARPS-N at TNG. Astronomy and Astrophysics, 2013, 554, A28.	2.1	103
29	The newborn planet population emerging from ring-like structures in discs. Monthly Notices of the Royal Astronomical Society, 2019, 486, 453-461.	1.6	102
30	The evolution of misaligned accretion discs and spinning black holes. Monthly Notices of the Royal Astronomical Society, 2006, 368, 1196-1208.	1.6	98
31	Grain growth in the envelopes and disks of Class I protostars. Astronomy and Astrophysics, 2014, 567, A32.	2.1	96
32	The potential for Earth-mass planet formation around brown dwarfs. Monthly Notices of the Royal Astronomical Society, 2007, 381, 1597-1606.	1.6	91
33	Two mechanisms for dust gap opening in protoplanetary discs. Monthly Notices of the Royal Astronomical Society: Letters, 2016, 459, L1-L5.	1.2	81
34	Signatures of broken protoplanetary discs in scattered light and in sub-millimetre observations. Monthly Notices of the Royal Astronomical Society, 2018, 473, 4459-4475.	1.6	80
35	On the origin of horseshoes in transitional discs. Monthly Notices of the Royal Astronomical Society, 2017, 464, 1449-1455.	1.6	79
36	Rings and gaps in the disc around Elias 24 revealed by ALMA. Monthly Notices of the Royal Astronomical Society, 2018, 475, 5296-5312.	1.6	79

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37	The mass function of high-redshift seed black holes. Monthly Notices of the Royal Astronomical Society: Letters, 2007, 377, L64-L68.	1.2	76
38	<i>HUBBLE SPACE TELESCOPE</i>MEASURES OF MASS ACCRETION RATES IN THE ORION NEBULA CLUSTER. Astrophysical Journal, 2012, 755, 154.	1.6	75
39	The effects of opacity on gravitational stability in protoplanetary discs. Monthly Notices of the Royal Astronomical Society, 2010, 401, 2587-2598.	1.6	71
40	Stability of self-gravitating discs under irradiation. Monthly Notices of the Royal Astronomical Society, 2011, 418, 1356-1362.	1.6	71
41	The response of self-gravitating protostellar discs to slow reduction in cooling time-scale: the fragmentation boundary revisited. Monthly Notices of the Royal Astronomical Society, 2007, 381, 1543-1547.	1.6	66
42	Black hole mergers: the first light. Monthly Notices of the Royal Astronomical Society, 2010, 401, 2021-2035.	1.6	66
43	Dust trapping by spiral arms in gravitationally unstable protostellar discs. Monthly Notices of the Royal Astronomical Society, 2015, 451, 974-986.	1.6	66
44	Fu Ori outbursts and the planet-disc mass exchange. Monthly Notices of the Royal Astronomical Society, 2012, 426, 70-90.	1.6	64
45	Constraints from Dust Mass and Mass Accretion Rate Measurements on Angular Momentum Transport in Protoplanetary Disks. Astrophysical Journal, 2017, 847, 31.	1.6	64
46	Protoplanetary disc â€˜isochronesâ€™ and the evolution of discs in the MË™-Md plane. Monthly Notices of the Royal Astronomical Society, 2017, 472, 4700-4706.	1.6	62
47	Resolution requirements for smoothed particle hydrodynamics simulations of self-gravitating accretion discs. Monthly Notices of the Royal Astronomical Society, 2011, 413, 2735-2740.	1.6	61
48	Long-term stream evolution in tidal disruption events. Monthly Notices of the Royal Astronomical Society, 2017, 464, 2816-2830.	1.6	61
49	The nature of angular momentum transport in radiative self-gravitating protostellar discs. Monthly Notices of the Royal Astronomical Society, 2011, 410, 994-1006.	1.6	60
50	Observational constraints on dust disk sizes in tidally truncated protoplanetary disks in multiple systems in the Taurus region. Astronomy and Astrophysics, 2019, 628, A95.	2.1	60
51	The photometric evolution of FU Orionis objects: disc instability and wind-envelope interaction. Monthly Notices of the Royal Astronomical Society, 2005, 361, 942-954.	1.6	59
52	The time evolution of dusty protoplanetary disc radii: observed and physical radii differ. Monthly Notices of the Royal Astronomical Society, 2019, 486, 4829-4844.	1.6	58
53	Ring structure in the MWC 480 disk revealed by ALMA. Astronomy and Astrophysics, 2019, 622, A75.	2.1	55
54	Suppression of the accretion rate in thin discs around binary black holes. Monthly Notices of the Royal Astronomical Society, 2016, 460, 1243-1253.	1.6	53

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55	The unusual gamma-ray burst GRB 101225A explained as a minor body falling onto a neutron star. Nature, 2011, 480, 69-71.	13.7	51
56	A loud quasi-periodic oscillation after a star is disrupted by a massive black hole. Science, 2019, 363, 531-534.	6.0	51
57	Flybys in protoplanetary discs â€“ II. Observational signatures. Monthly Notices of the Royal Astronomical Society, 2020, 491, 504-514.	1.6	51
58	Constraining disk evolution prescriptions of planet population synthesis models with observed disk masses and accretion rates. Astronomy and Astrophysics, 2019, 631, L2.	2.1	49
59	Eccentricity evolution during planetâ€“disc interaction. Monthly Notices of the Royal Astronomical Society, 2018, 474, 4460-4476.	1.6	48
60	The critical role of disks in the formation of high-mass stars. Nature, 2006, 444, 703-706.	13.7	47
61	The GAPS programme with HARPS-N at TNG. Astronomy and Astrophysics, 2015, 575, A111.	2.1	46
62	Multiple tidal disruption flares in the active galaxy IC 3599. Astronomy and Astrophysics, 2015, 581, A17.	2.1	46
63	X-shooter survey of disk accretion in Upper Scorpius. Astronomy and Astrophysics, 2020, 639, A58.	2.1	46
64	Limits on the location of planetesimal formation in self-gravitating protostellar discs. Monthly Notices of the Royal Astronomical Society: Letters, 2009, 398, L6-L10.	1.2	45
65	GRB 110328A/SWIFT J164449.3+573451: THE TIDAL OBLITERATION OF A DEEPLY PLUNGING STAR?. Astrophysical Journal, 2011, 742, 32.	1.6	45
66	Wave-like warp propagation in circumbinary discs â€“ II. Application to KHÂ15D. Monthly Notices of the Royal Astronomical Society, 2013, 433, 2157-2164.	1.6	44
67	The GAPS Programme with HARPS-N at TNG. Astronomy and Astrophysics, 2015, 579, A136.	2.1	43
68	ALMA Observations of the Young Substellar Binary System 2M1207. Astronomical Journal, 2017, 154, 24.	1.9	42
69	Classical disc physics. New Astronomy Reviews, 2008, 52, 21-41.	5.2	41
70	Lenseâ€“Thirring precession around supermassive black holes during tidal disruption events. Monthly Notices of the Royal Astronomical Society, 2016, 455, 1946-1956.	1.6	41
71	How to detect the signatures of self-gravitating circumstellar discs with the Atacama Large Millimeter/sub-millimeter Array. Monthly Notices of the Royal Astronomical Society, 2014, 444, 1919-1929.	1.6	39
72	Spin alignment and differential accretion in merging black hole binaries. Monthly Notices of the Royal Astronomical Society, 2015, 451, 3941-3954.	1.6	38

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73	Spiral Arms and a Massive Dust Disk with Non-Keplerian Kinematics: Possible Evidence for Gravitational Instability in the Disk of Elias 2â€“27. Astrophysical Journal, 2021, 914, 88.	1.6	38
74	Resolved images of self-gravitating circumstellar discs with ALMA. Monthly Notices of the Royal Astronomical Society, 2010, 407, 181-188.	1.6	36
75	Magnetic field evolution in tidal disruption events. Monthly Notices of the Royal Astronomical Society, 2017, 469, 4879-4888.	1.6	35
76	Secular evolution of MHD wind-driven discs: analytical solutions in the expanded Î±-framework. Monthly Notices of the Royal Astronomical Society, 2022, 512, 2290-2309.	1.6	35
77	Thermal stability of self-gravitating, optically thin accretion disks. Astronomy and Astrophysics, 2001, 370, 342-350.	2.1	33
78	Constraints on the formation mechanism of the planetary mass companion of 2MASS 1207334-393254. Monthly Notices of the Royal Astronomical Society: Letters, 2005, 364, L91-L95.	1.2	33
79	On the different flavours of Lenseâ€“Thirring precession around accreting stellar mass black holes. Monthly Notices of the Royal Astronomical Society, 2018, 473, 431-439.	1.6	33
80	A dust and gas cavity in the disc around CQ Tau revealed by ALMA. Monthly Notices of the Royal Astronomical Society, 2019, 486, 4638-4654.	1.6	33
81	Orbital and Mass Constraints of the Young Binary System IRAS 16293-2422 A. Astrophysical Journal, 2020, 897, 59.	1.6	33
82	PENELLOPE: The ESO data legacy program to complement the <i>Hubble</i> UV Legacy Library of Young Stars (ULLYSES). Astronomy and Astrophysics, 2021, 650, A196.	2.1	32
83	Gap, shadows, spirals, and streamers: SPHERE observations of binary-disk interactions in GG Tauri A. Astronomy and Astrophysics, 2020, 639, A62.	2.1	31
84	Black hole mergers: do gas discs lead to spin alignment?. Monthly Notices of the Royal Astronomical Society: Letters, 2013, 429, L30-L34.	1.2	30
85	On the millimetre continuum fluxâ€“radius correlation of proto-planetary discs. Monthly Notices of the Royal Astronomical Society: Letters, 2019, 486, L63-L68.	1.2	30
86	Dual-wavelength ALMA Observations of Dust Rings in Protoplanetary Disks. Astrophysical Journal, 2020, 898, 36.	1.6	30
87	LOFT: the Large Observatory For X-ray Timing. Proceedings of SPIE, 2012, , .	0.8	29
88	A Dynamical Measurement of the Disk Mass in Elias 2â€“27. Astrophysical Journal Letters, 2021, 914, L27.	3.0	29
89	MHD disc winds can reproduce fast disc dispersal and the correlation between accretion rate and disc mass in Lupus. Monthly Notices of the Royal Astronomical Society: Letters, 2022, 512, L74-L79.	1.2	29
90	Enforcing dust mass conservation in 3D simulations of tightly coupled grains with the Phantom SPH code. Monthly Notices of the Royal Astronomical Society, 2018, 477, 2766-2771.	1.6	28

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91	The role of the energy equation in the fragmentation of protostellar discs during stellar encounters. Monthly Notices of the Royal Astronomical Society, 2007, 374, 590-598.	1.6	27
92	<i>Herschel</i>/SPIRE observations of the TWA brown dwarf disc 2MASSW J1207334â€“393254. Monthly Notices of the Royal Astronomical Society: Letters, 2012, 422, L6-L10.	1.2	27
93	Bad prospects for the detection of giant starsâ€™ tidal disruption: effect of the ambient medium on bound debris. Monthly Notices of the Royal Astronomical Society, 2016, 458, 3324-3330.	1.6	27
94	On the secular evolution of the ratio between gas and dust radii in protoplanetary discs. Monthly Notices of the Royal Astronomical Society, 2021, 507, 818-833.	1.6	27
95	The GAPS programme with HARPS-N at TNG. Astronomy and Astrophysics, 2014, 567, L6.	2.1	26
96	Distinguishing Tidal Disruption Events from Impostors. Space Science Reviews, 2021, 217, 1.	3.7	25
97	Predicting the Kinematic Evidence of Gravitational Instability. Astrophysical Journal, 2020, 904, 148.	1.6	25
98	Gas squeezing during the merger of a supermassive black hole binary. Monthly Notices of the Royal Astronomical Society, 2016, 457, 939-948.	1.6	24
99	Long-lived Dust Rings around HD 169142. Astrophysical Journal Letters, 2020, 888, L4.	3.0	24
100	The spectral energy distribution of self-gravitating protostellar disks. Astronomy and Astrophysics, 2001, 375, 455-468.	2.1	24
101	Efficient dust ring formation in misaligned circumbinary discs. Monthly Notices of the Royal Astronomical Society, 2020, 492, 3306-3315.	1.6	23
102	A highly non-Keplerian protoplanetary disc. Astronomy and Astrophysics, 2021, 648, A19.	2.1	23
103	The theory of kinks â€“ I. A semi-analytic model of velocity perturbations due to planetâ€“disc interaction. Monthly Notices of the Royal Astronomical Society, 2021, 504, 5444-5454.	1.6	21
104	Testing dust trapping in the circumbinary disk around GG Tauri A. Astronomy and Astrophysics, 2017, 599, A102.	2.1	21
105	The protoplanetary disk population in the <i>Ï«</i>-Ophiuchi region L1688 and the time evolution of Class II YSOs. Astronomy and Astrophysics, 2022, 663, A98.	2.1	21
106	Exploring the R CrA environment with SPHERE. Astronomy and Astrophysics, 2019, 624, A4.	2.1	20
107	ALMA 870 Î¼m continuum observations of HD 100546. Astronomy and Astrophysics, 2021, 651, A90.	2.1	20
108	The puzzling source IGR J17361â€“4441 in NGC 6388: a possible planetary tidal disruption event. Monthly Notices of the Royal Astronomical Society, 2014, 444, 93-101.	1.6	19

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109	Challenges in the modeling of tidal disruption events lightcurves. EPJ Web of Conferences, 2012, 39, 01001.	0.1	18
110	Probing the presence of planets in transition discsâ€™ cavities via warps: the case of TW Hya. Monthly Notices of the Royal Astronomical Society, 2014, 442, 3700-3710.	1.6	18
111	On The Secular Evolution of GG Tau A Circumbinary Disc: A Msialigned Disc Scenario. Monthly Notices of the Royal Astronomical Society, 0, , .	1.6	18
112	Planet migration, resonant locking, and accretion streams in PDSÂ70: comparing models and data. Monthly Notices of the Royal Astronomical Society, 2020, 499, 2015-2027.	1.6	18
113	Mapping the Planetary Wake in HD 163296 with Kinematics. Astrophysical Journal Letters, 2022, 929, L25.	3.0	18
114	Recent developments in the theory of tidal disruption events. Journal of High Energy Astrophysics, 2015, 7, 158-162.	2.4	17
115	Is the gap in the DS Tau disc hiding a planet?. Monthly Notices of the Royal Astronomical Society, 2020, 495, 1913-1926.	1.6	17
116	Effects of photoevaporation on protoplanetary disc â€˜isochronesâ€™. Monthly Notices of the Royal Astronomical Society, 2020, 492, 1120-1126.	1.6	17
117	XIPE: the x-ray imaging polarimetry explorer. , 2016, , .		16
118	Multi-wavelength observations of protoplanetary discs as a proxy for the gas disc mass. Monthly Notices of the Royal Astronomical Society, 0, , .	1.6	16
119	The Process of Stellar Tidal Disruption by Supermassive Black Holes. Space Science Reviews, 2021, 217, 1.	3.7	16
120	Response of a circumbinary accretion disc to black hole mass loss. Monthly Notices of the Royal Astronomical Society, 2012, 425, 1958-1966.	1.6	15
121	The GAPS programme with HARPS-N at TNG. Astronomy and Astrophysics, 2015, 575, L15.	2.1	14
122	On the Papaloizouâ€“Pringle instability in tidal disruption events. Monthly Notices of the Royal Astronomical Society, 2018, 474, 1737-1745.	1.6	14
123	On dust evolution in planet-forming discs in binary systems â€“ I. Theoretical and numerical modelling: radial drift is faster in binary discs. Monthly Notices of the Royal Astronomical Society, 2021, 504, 2235-2252.	1.6	14
124	Circumbinary and circumstellar discs around the eccentric binary IRAS 04158+2805 â€” a testbed for binaryâ€“disc interaction. Monthly Notices of the Royal Astronomical Society, 2021, 507, 1157-1174.	1.6	14
125	Probing the rotation curve of the outer accretion disk in FU Orionis objects with long-wavelength spectroscopy. Astronomy and Astrophysics, 2003, 408, 1015-1028.	2.1	14
126	Observational constraints on gas disc sizes in the protoplanetary discs of multiple systems in the Taurus region. Astronomy and Astrophysics, 2022, 662, A121.	2.1	13

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127	Estimating the fossil disc mass during supermassive black hole mergers: the importance of torque implementation. Monthly Notices of the Royal Astronomical Society, 2015, 449, 1118-1128.	1.6	12
128	Tidal disruption of stars in a supermassive black hole binary system: the influence of orbital properties on fallback and accretion rates. Monthly Notices of the Royal Astronomical Society, 2018, 476, 5312-5322.	1.6	12
129	Gravitational wave emission from unstable accretion discs in tidal disruption events. Monthly Notices of the Royal Astronomical Society, 2019, 489, 699-706.	1.6	12
130	The Physics of Accretion Discs, Winds and Jets in Tidal Disruption Events. Space Science Reviews, 2021, 217, 1.	3.7	12
131	Eccentricity growth of planetesimals in a self-gravitating protoplanetary disc. Monthly Notices of the Royal Astronomical Society, 2008, 385, 1067-1075.	1.6	11
132	â€˜Failedâ€™ tidal disruption events and X-ray flares from the Galactic Centre. Monthly Notices of the Royal Astronomical Society, 2019, 486, 1833-1839.	1.6	11
133	Discovery of a Low-mass Companion Embedded in the Disk of the Young Massive Star MWC 297 with VLT/SPHERE*. Astrophysical Journal Letters, 2020, 890, L8.	3.0	11
134	HST Survey of the Orion Nebula Cluster in the H₂O 1.4 Î¼m Absorption Band. I. A Census of Substellar and Planetary-mass Objects. Astrophysical Journal, 2020, 896, 79.	1.6	11
135	A faint companion around CrA-9: protoplanet or obscured binary?. Monthly Notices of the Royal Astronomical Society, 2021, 502, 6117-6139.	1.6	11
136	Accretion rates in hierarchical triple systems with discs. Monthly Notices of the Royal Astronomical Society, 2022, 514, 906-919.	1.6	11
137	The Large Observatory for x-ray timing. Proceedings of SPIE, 2014, , .	0.8	10
138	The LOFT mission concept: a status update. Proceedings of SPIE, 2016, , .	0.8	9
139	The gravitational wave background signal from tidal disruption events. Monthly Notices of the Royal Astronomical Society, 2020, 498, 507-516.	1.6	9
140	Dust traffic jams in inclined circumbinary protoplanetary discs â€“ I. Morphology and formation theory. Monthly Notices of the Royal Astronomical Society, 2021, 508, 2743-2757.	1.6	9
141	Constraining protoplanetary disc mass using the GI wiggle. Monthly Notices of the Royal Astronomical Society, 2021, 510, 1671-1679.	1.6	9
142	<i>Constraining black hole spins with low-frequency quasi-periodic oscillations in soft states</i>. Monthly Notices of the Royal Astronomical Society, 0, , stw3363.	1.6	8
143	Type II migration strikes back â€“ an old paradigm for planet migration in discs. Monthly Notices of the Royal Astronomical Society, 2020, 492, 1318-1328.	1.6	8
144	Dynamical dust traps in misaligned circumbinary discs: analytical theory and numerical simulations. Monthly Notices of the Royal Astronomical Society, 2021, 503, 4930-4941.	1.6	8

#	Article	IF	Citations
145	Investigating Protoplanetary Disk Cooling through Kinematics: Analytical GI Wiggle. Astrophysical Journal Letters, 2021, 920, L41.	3.0	8
146	On dust evolution in planet-forming discs in binary systems â€“ II. Comparison with Taurus and <i>Ï•</i>ÂOphiuchus (sub-)millimetre observations: discs in binaries have small dust sizes. Monthly Notices of the Royal Astronomical Society, 2021, 507, 2531-2549.	1.6	7
147	GrailQuest: hunting for atoms of space and time hidden in the wrinkle of Space-Time. Experimental Astronomy, 2021, 51, 1255-1297.	1.6	7
148	Gravitational waves from tidal disruption events: an open and comprehensive catalog. Monthly Notices of the Royal Astronomical Society, 2021, 510, 992-1001.	1.6	7
149	On the time evolution of the <i>M</i>dâˆ’<i>M</i>â‹† and <i>á¹€â€“Mâ‹†</i> correlations for protoplanetary discs: the viscous time-scale increases with stellar mass. Monthly Notices of the Royal Astronomical Society, 2022, 514, 5927-5940.	1.6	7
150	The Influence of Black Hole Binarity on Tidal Disruption Events. Space Science Reviews, 2019, 215, 1.	3.7	6
151	Observable gravitational waves from tidal disruption events and their electromagnetic counterpart. Monthly Notices of the Royal Astronomical Society, 2021, 510, 2025-2040.	1.6	6
152	The Role of Gravitational Instabilities in the Feeding of Supermassive Black Holes. Advances in Astronomy, 2012, 2012, 1-15.	0.5	5
153	Smoothed Particle Hydrodynamics for astrophysical flows. European Physical Journal Plus, 2011, 126, 1.	1.2	4
154	Simulations of Tidal Disruption Events. Space Science Reviews, 2020, 216, 1.	3.7	4
155	Recurrent X-ray flares of the black hole candidate in the globular cluster RZ 2109 in NGC 4472. Astronomy and Astrophysics, 2022, 661, A68.	2.1	4
156	Publisher Note: Circumbinary, not transitional: On the spiral arms, cavity, shadows, fast radial flows, streamers and horseshoe in the HD142527 disc. Monthly Notices of the Royal Astronomical Society, 2018, 481, 3169-3169.	1.6	3
157	Misaligned snowplough effect and the electromagnetic counterpart to black hole binary mergers. Monthly Notices of the Royal Astronomical Society, 2019, 484, 31-38.	1.6	2
158	What causes the fragmentation of debris streams in TDEs?. Monthly Notices of the Royal Astronomical Society, 2020, 495, 1227-1238.	1.6	2
159	Testing the locality of transport in self-gravitating accretion discs. AIP Conference Proceedings, 2004, , .	0.3	1
160	Star ripped to shreds. Nature, 2012, 485, 183-183.	13.7	1
161	Future Simulations of Tidal Disruption Events. Space Science Reviews, 2020, 216, 1.	3.7	1
162	A New Companion Candidate around the Herbig Star V921 Sco*. Research Notes of the AAS, 2019, 3, 61.	0.3	1

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163	The effect of cooling on the accretion of circumprimary discs in merging supermassive black hole binaries. Monthly Notices of the Royal Astronomical Society, 2020, 499, 2836-2844.	1.6	1
164	Spiral shocks in astrophysical disks. AIP Conference Proceedings, 2005, , .	0.3	0
165	Gravitational instabilities in protostellar discs and the formation of planetesimals. , 2010, , .		0
166	Evolution of supermassive black hole binaries in gaseous environments. Proceedings of the International Astronomical Union, 2015, 11, 314-316.	0.0	0
167	On the likelihood of Gravitational Wave emission during the Tidal Disruption of stars by Super Massive Black Holes. Proceedings of the International Astronomical Union, 2018, 14, 275-277.	0.0	0
168	The role of stellar rotation in Tidal Disruption Events. Proceedings of the International Astronomical Union, 2018, 14, 272-274.	0.0	0
169	Multiâ€messenger observations of supermassive black holes binary mergers. Astronomische Nachrichten, 2019, 340, 54-56.	0.6	0
170	Discovering intermediate massive black holes through tidally disrupted stars. International Journal of Modern Physics D, 2019, 28, 1944015.	0.9	0
171	GRAVITATIONAL INSTABILITIES IN GASEOUS DISCS AND THE FORMATION OF SUPERMASSIVE BLACK HOLE SEEDS AT HIGH REDSHIFTS. , 2007, , .		0
172	Gas and Dust Dynamics During Planet Formation in HL Tau. , 2018, , 25-36.		0
173	Planet Formation in the ALMA Era. , 2018, , 155-167.		0